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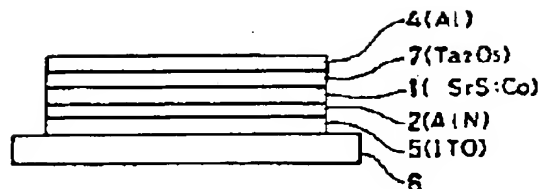
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TITLE : ELECTROLUMINESCENCE ELEMENT



ABSTRACT : PURPOSE: To reduce degree of deviation of an element, and operate it stably by forming AlN insulating film in one surface side of SrS:Ce fluorescent material, and forming Ta₂O₅ film in the other surface side thereof.

CONSTITUTION: An ITO transference electrode 5 is formed on a glass substrate 6. AlN insulating film 2, SrS:Ce fluorescent material film 1, Ta₂O₅ insulating film 7 and Al electrode 4 are formed thereon in order. The Ta₂O₅ film is formed by sputtering under the mixed atmosphere of Ar and O₂. Ta₂O₅ has a large dielectric constant, and which can be driven at a low voltage. The AlN insulating film 2 is formed by sputtering under the mixed atmosphere of N₂ and Ar.

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